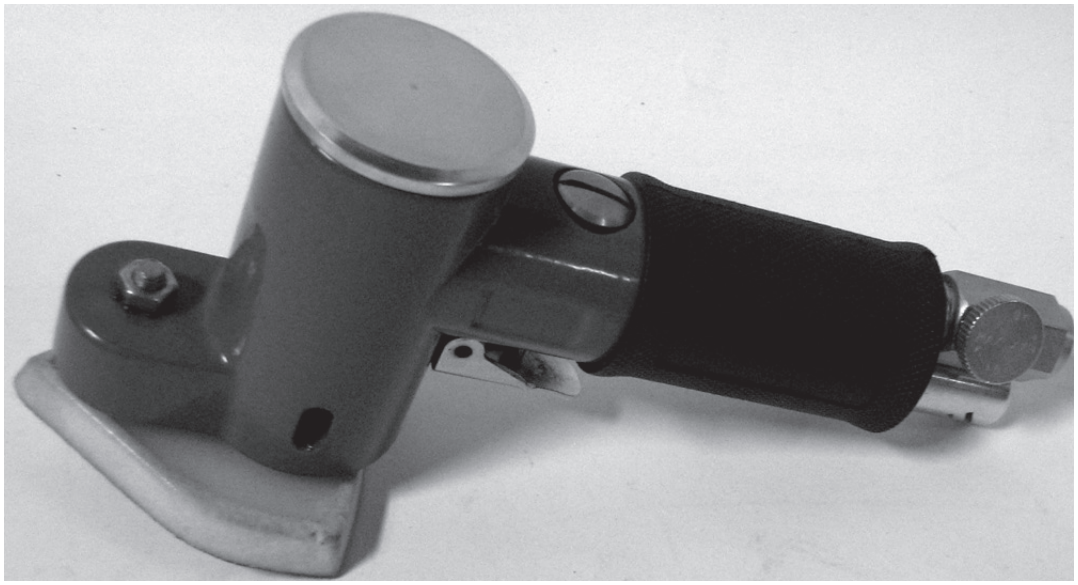
CENTRAL PNEUMATIC®

HEAVY DUTY AIR OSCILLATING SANDER

Model 96573

SET UP AND OPERATING INSTRUCTIONS



Diagrams within this manual may not be drawn proportionally.

Due to continuing improvements, actual product may differ slightly from the product described herein.

Distributed exclusively by Harbor Freight Tools®.

3491 Mission Oaks Blvd., Camarillo, CA 93011

Visit our website at: http://www.harborfreight.com

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

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For technical questions or replacement parts, please call 1-800-444-3353.

SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

IMPORTANT SAFETY INFORMATION

In this manual, on the labeling, and all other information provided with this product:

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠DANGER — **DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.**

⚠WARNING — **WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.**

⚠CAUTION — **CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.**

NOTICE — **NOTICE is used to address practices not related to personal injury.**

CAUTION — **CAUTION, without the safety alert symbol, is used to address practices not related to personal injury.**

WARNING! Read all instructions
Failure to follow all instructions listed below may result in serious injury.

SAVE THESE INSTRUCTIONS

WORK AREA SAFETY

1. **Keep children and bystanders away while operating. Distractions can cause you to lose control.**
2. Keep work area clean and well lit. Cluttered or dark areas invite accidents.

PERSONAL SAFETY

1. **Wear ANSI-approved safety goggles, NIOSH-approved dust mask/ respirator, and heavy-duty work gloves during use and service.**
2. Stay alert and use common sense when operating. Do not use when tired or under the influence of drugs, alcohol or medication.
3. Do not overreach. Keep proper footing and balance at all times. This enables better control in unexpected situations.
4. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

PRODUCT USE AND CARE

1. **This product is not a toy. Keep it out of reach of children.**
2. Use the correct product for your application. The correct product will do the job better and safer at the rate for which it was designed. Do not modify this product or use it for a purpose for which it is not intended.
3. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the product's operation. If damaged, have the product repaired before use.
4. Use the product and accessories etc., in accordance with these instructions and in the manner intended for the particular type of product, taking into account the working conditions and the work to be performed. Use of the product for operations different from those intended could result in a hazardous situation.

VIBRATION HAZARD

This tool vibrates during use. Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders. To reduce the risk of vibration-related injury:

1. Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any medical or physical symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.
2. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.
3. Wear suitable gloves to reduce the vibration effects on the user.
4. Use tools with the lowest vibration when there is a choice between different processes.
5. Include vibration-free periods each day of work.
6. Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.
7. To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.

SERVICE

1. Have product serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
2. Maintain labels and nameplates on the product. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

MISCELLANEOUS

1. Use compressed air only. Only use clean, dry and regulated compressed air at no more than 90 PSI to power this tool. Never use oxygen, carbon dioxide or any other bottled gas as a power source for this tool.

2. WARNING: The brass components of this product contain lead, a chemical known to the State of California to cause birth defects (or other reproductive harm). (California Health & Safety code § 25249.5, *et seq.*)

3. WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities, contains chemicals known [to the State of California] to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
   Lead from lead-based paints
   Crystalline silica from bricks and cement or other masonry products
   Arsenic and chromium from chemically treated lumber
   Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. (California Health & Safety Code § 25249.5, *et seq.*)

4. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

SAVE THESE INSTRUCTIONS.

SPECIFICATIONS

Operating PSI	90 PSI
Air Inlet Size	1/4-18 NPT
Air Consumption	4 CFM
Speed	0 to 10,000 RPM

UNPACKING

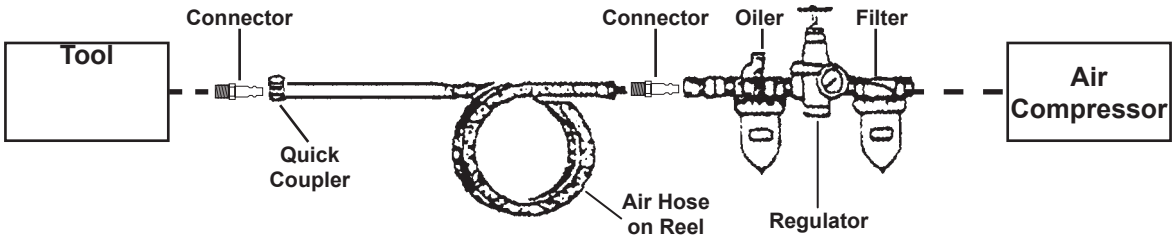
When unpacking, check to make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the cover of this manual as soon as possible.

OPERATING INSTRUCTIONS

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

1. Use proper size and type air pressure line and fittings. The recommended air line for this tool is at least 3/8" delivering no more than 90 PSI. Air inlet size is 1/4" 18 NPT.

2. The use of quick connectors, and an in-line oiler, regulator, and filter are recommended for use with this product. As shown below:



Recommended Air Line Components

3. Connect a pressurized air source to the Air Valve and set the regulator to 90 PSI.

4. Apply an adhesive-backed sanding head (not included) to the Pad. Cut the sanding head to size if necessary.

5. Secure all workpieces with a clamp or vise so that both of hands are free to operate the Sander.

6. Connect the Sander to the air compressor hose at the Regulator Assembly (30).

7. Grip the Handle with your left hand and the Body (13) with your right (reverse if you are left-handed). Depress the Trigger (28) with your left hand to turn the tool on.

8. Allow the motor to reach its full speed before starting to sand.

9. Turn the Regulator Knob (31) to adjust the oscillation speed. The closer the Regulator Knob is to “MAX” the faster the Pad will move.

10. Always keep a safe distance from the sanding pad while the Sander is operating. Do not apply pressure. If the Pad slows down as the material is being worked; pressure is being applied. Allow the Sander to do the job.

11. Always keep your body and clothing a safe distance from the running Sander.

12. Always maintain a good grip with both hands when operating this tool.

13. After the Sander has been turned off, continue to hold onto the tool with both hands until the Pad stops completely; then set the tool down.

14. Disconnect Sander from compressor when finished.

15. Clean, then store the product indoors out of children’s reach.

MAINTENANCE AND SERVICING

⚠CAUTION **Damaged products can fail, causing personal injury. Do not use a damaged product. If abnormal noise or vibration occurs, have the problem corrected before further use.**

Cleaning, maintenance, and lubrication

1. **BEFORE EACH USE,** inspect the general condition of the product. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts and any other condition that may affect its safe operation.

2. **AFTER USE,** clean external surfaces of the product with clean, moist cloth.

PLEASE READ THE FOLLOWING CAREFULLY

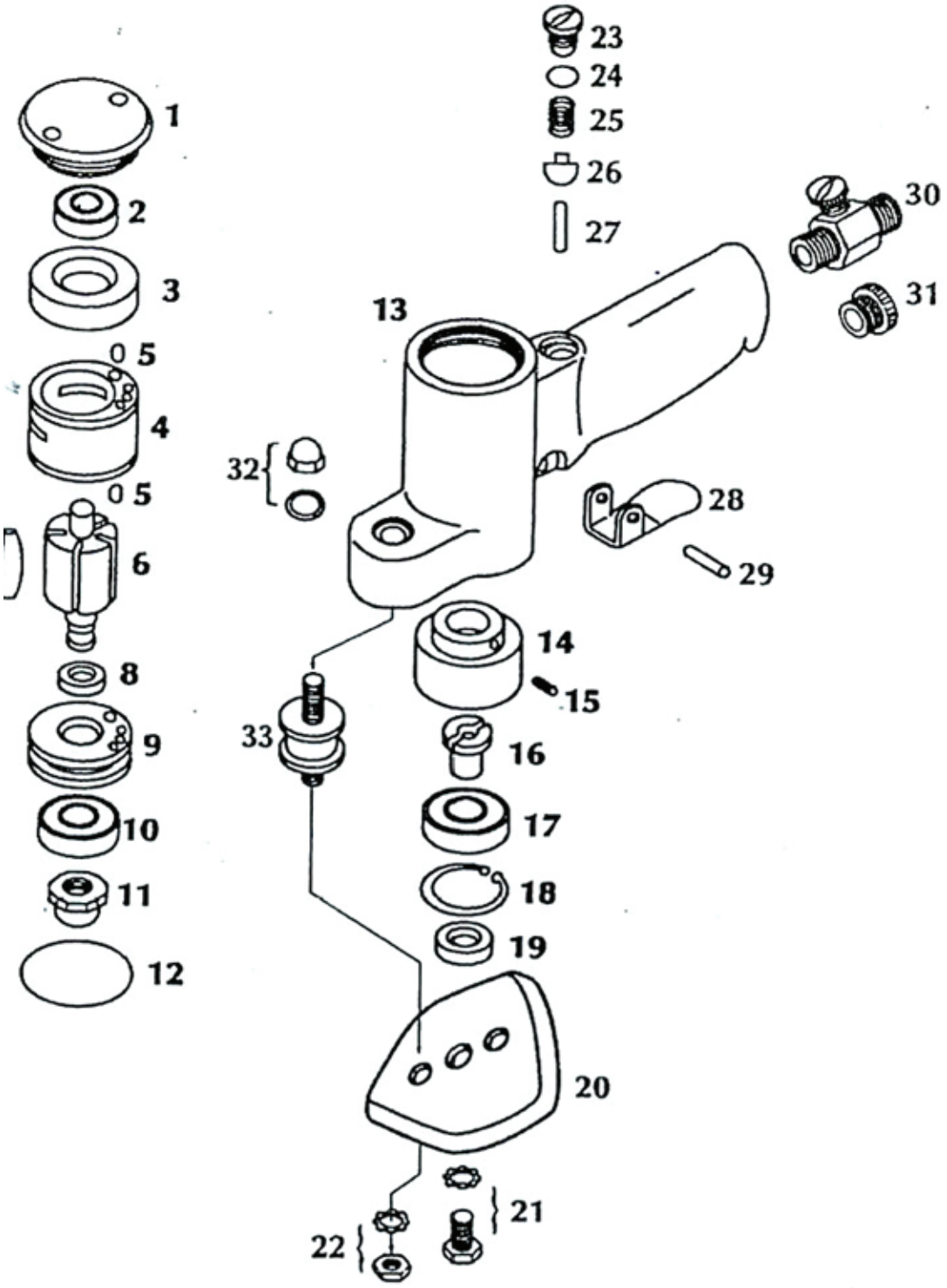
THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

PARTS LIST

Part	Description
1	Body Cap
2	Bearing
3	R-Bearing Case
4	Cylinder
5	Spring Pin 2.5x6
6	Rotor
7	Vane
8	Rotor Spacer
9	F-Bearing Case
10	Bearing
11	Lock Nut
12	O-ring 32.5
13	Body
14	Balancer
15	Bolt
16	Pad Retainer
17	Bearing

Part	Description
18	Snap Ring
19	Spacer
20	Pad
21	Bolt Set
22	Nut Set
23	Valve Cap
24	O-ring
25	Valve Spring
26	Valve
27	Valve Pin
28	Trigger
29	Spring Pin
30	Regulator Assembly
31	Regulator Knob
32	Nut Set
33	Support

ASSEMBLY DIAGRAM



Record Product's Serial Number Here:_____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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